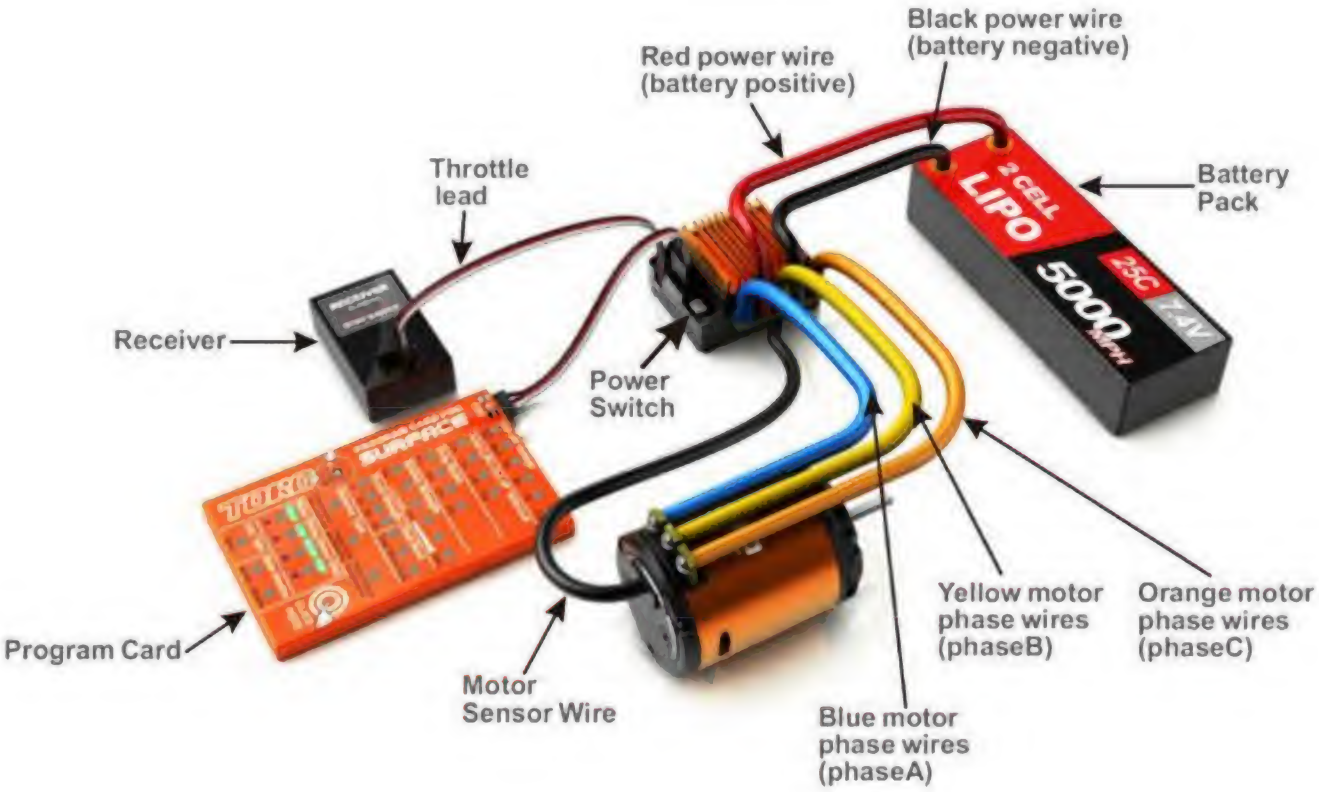
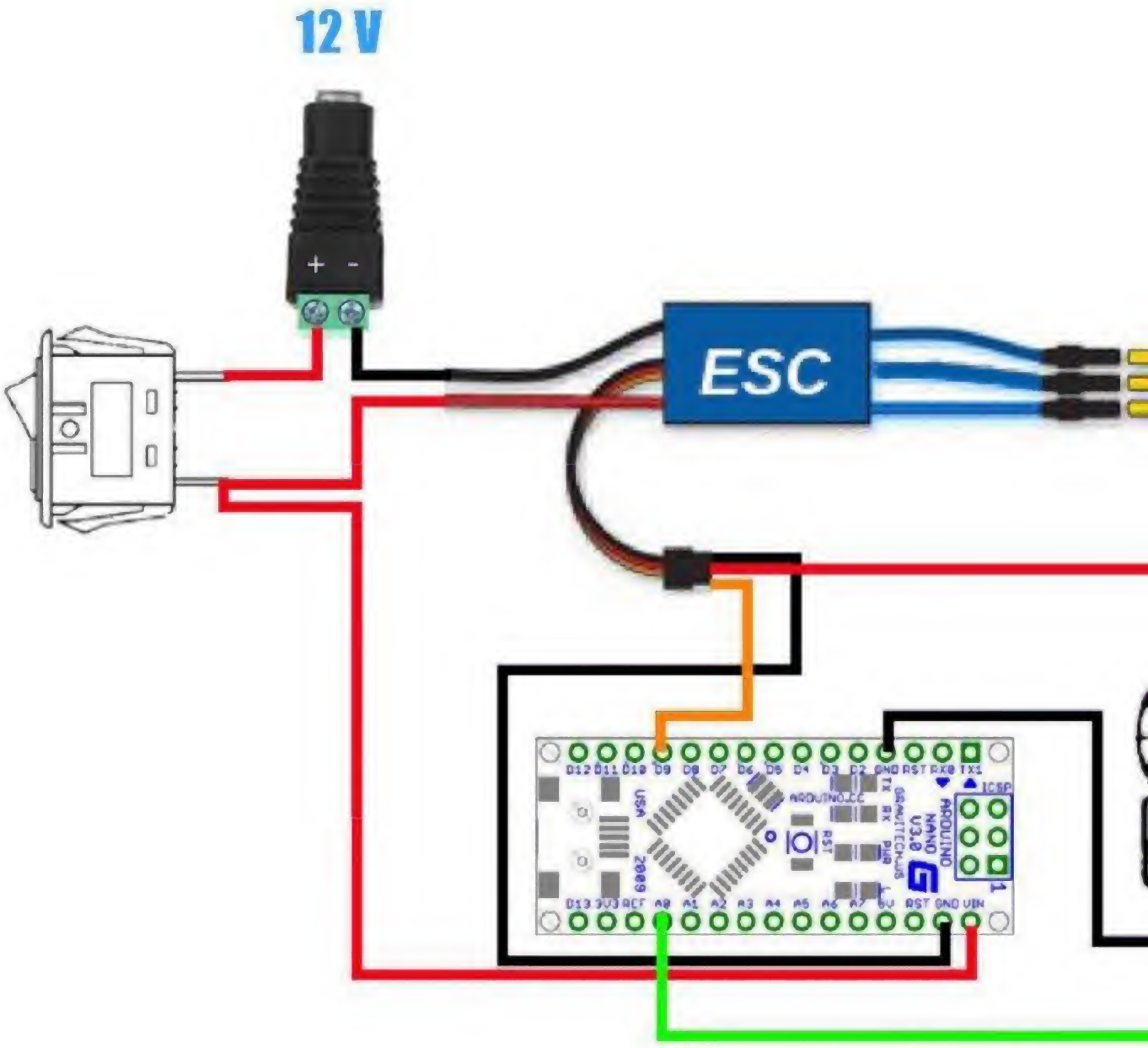
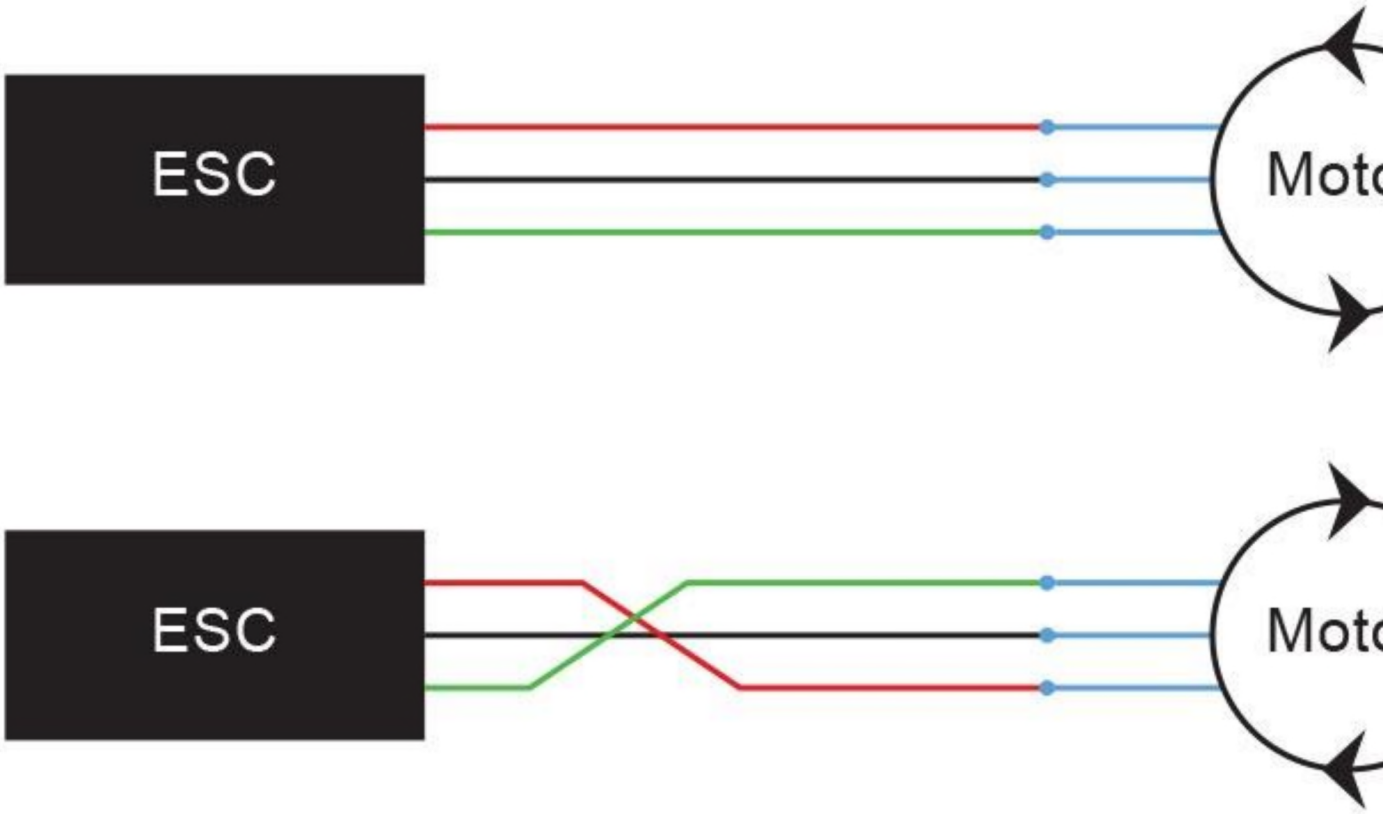
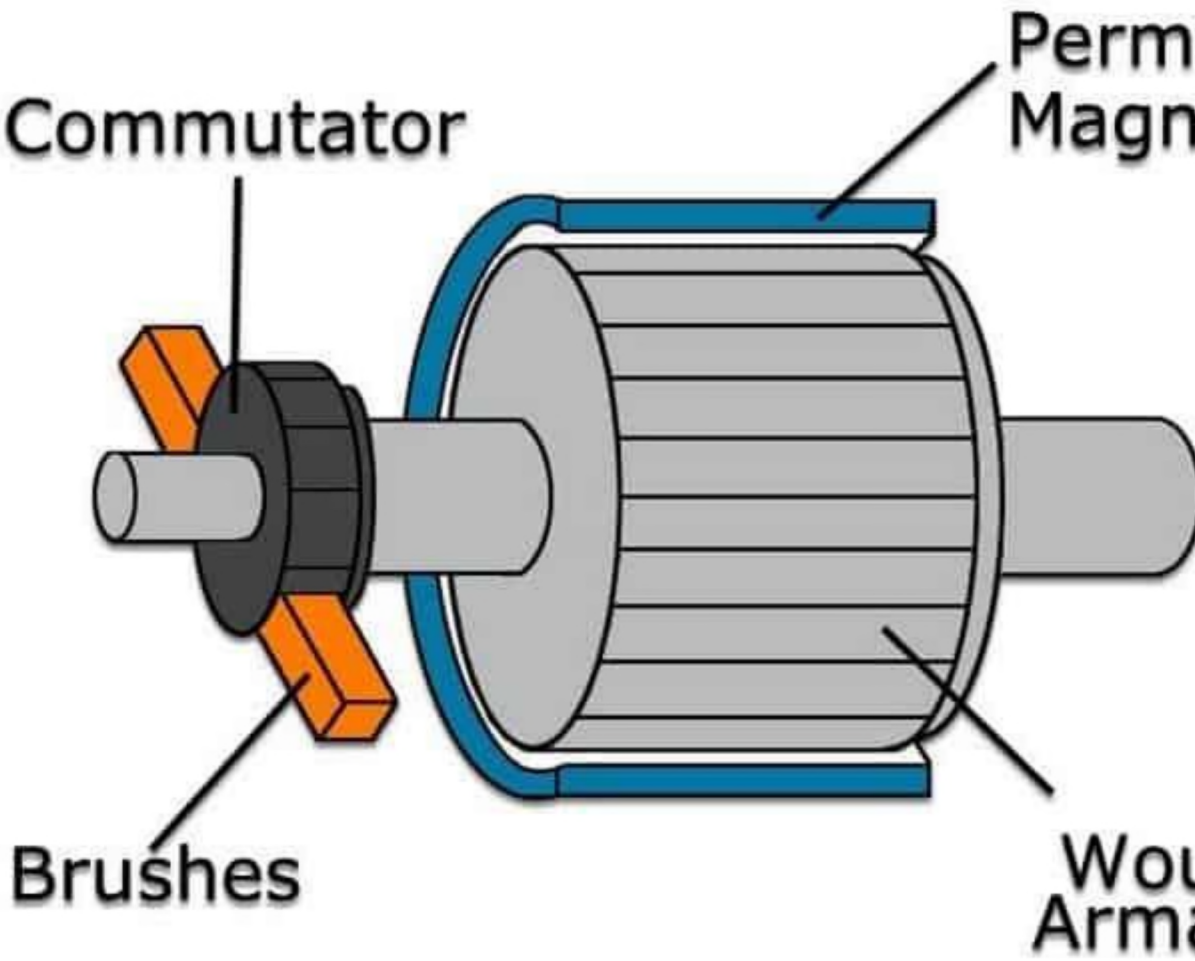
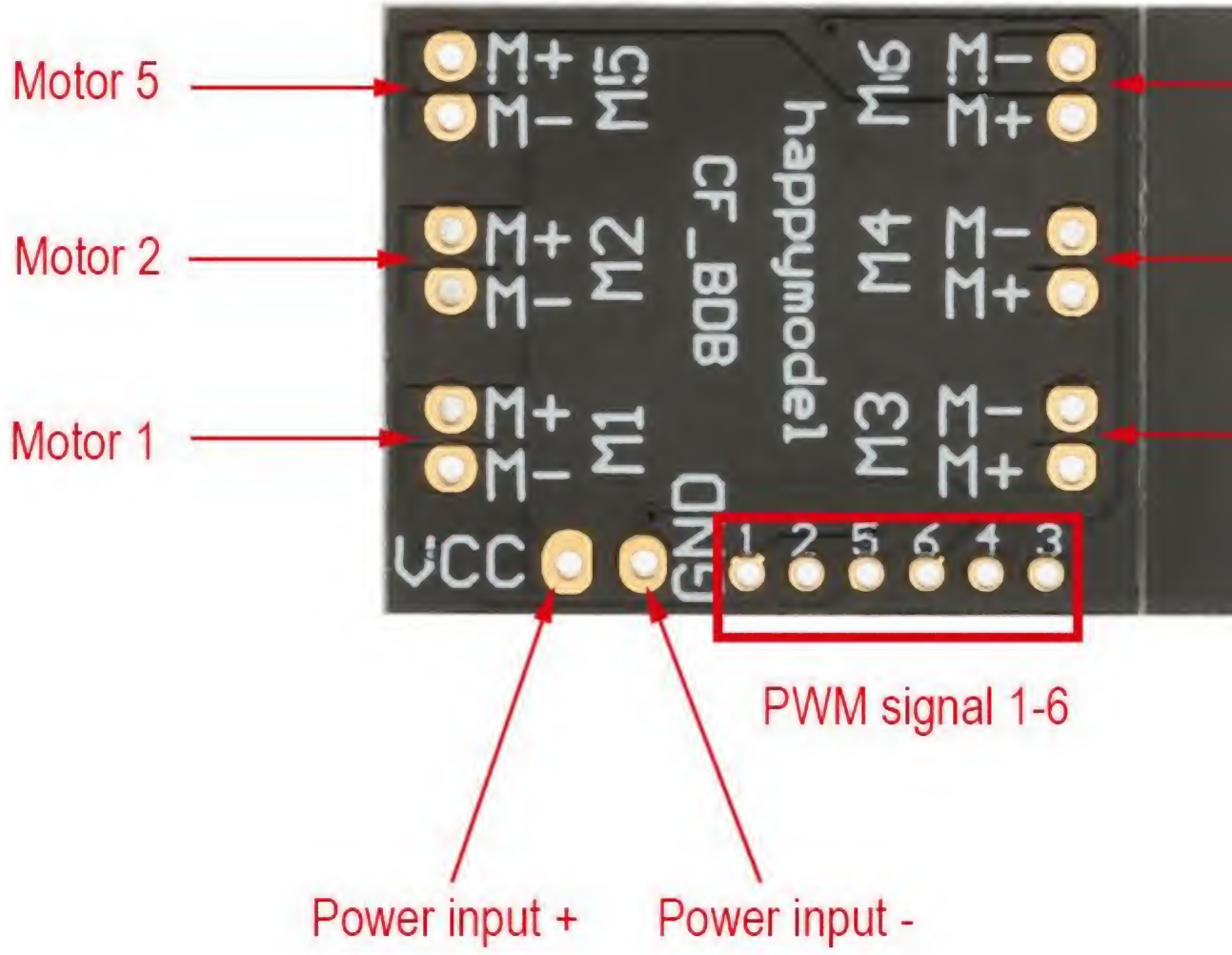

Black power wire
(battery negative)
Red power wire
(battery positive)
Throttle
lead
Battery
Pack
Receiver
Power
Switch
Program Card
Motor
Sensor Wire
Yellow motor
phase wires
(phaseB)
Orange motor
phase wires
(phaseC)
Blue motor
phase wires
(phaseA)
2 CELL
LIPO
25C
7.4V
5000
SURFACE


12 V
+ -
ESC


ESC
Moto
ESC
Moto


Commutator
Perm
Magn
Brushes
Wou
Arma


Motor 5
Motor 2
Motor 1
M+
M-
M5
M2
M1
M6
M4
M3
CF_BB8
happymodel
VCC
GND
1 2 5 6 4 3
PWM signal 1-6
Power input +
Power input -

cruise
battery
reset
brake lever
switch
PAS
EBS
brake light
throttle
motor hall
motor
L-faster